

## EAST Search History

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| S1    | 6165    | (257/620,e21.596,21.599 438/68,113,114,458,460-465,for.386).ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/22 16:53 |
| S4    | 292419  | encapsula\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/23 11:46 |
| S5    | 2799012 | dam ring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/05/22 16:54 |
| S6    | 38      | S5 with S4 and S1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 11:56 |
| S7    | 6165    | (257/620,e21.596,21.599 438/68,113,114,458,460-465,for.386).ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 16:37 |
| S8    | 2799012 | dam ring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 16:37 |
| S9    | 265     | S7 and (S8 same metal)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/13 16:39 |
| S10   | 3       | S7 and (S8 same (metal with fill))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/04/13 16:40 |

## EAST Search History

|     |         |   |   |      |    |                  |
|-----|---------|---|---|------|----|------------------|
| S11 | 6246    | (257/620,e21.596,21.599 438/68,113,114,458,460-465,for.386).ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/22 16:53 |
| S12 | 2813739 | dam ring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/22 16:54 |
| S13 | 6818260 | street lane line  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/22 16:56 |
| S14 | 1280415 | array grid  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/05/22 16:56 |
| S15 | 1573    | S12 S13 S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/05/22 16:57 |
| S16 | 4818    | (S12 with S14) same S13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/22 16:57 |
| S18 | 10      | S11 S15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/22 16:58 |
| S19 | 17      | S11 S16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND  | ON | 2007/05/22 17:02 |

## EAST Search History

|     |       |                            |   |     |    |                  |
|-----|-------|----------------------------|---|-----|----|------------------|
| S20 | 1358  | dekker.in.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 08:44 |
| S21 | 147   | van adj der adj putten.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 08:58 |
| S22 | 1925  | havens.in.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 08:44 |
| S23 | 83509 | ronald.in.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 08:45 |
| S24 | 119   | S20 S23                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/07/23 08:46 |
| S26 | 4067  | ramon.in.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/07/23 08:45 |
| S27 | 5     | S22 S26                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/07/23 08:46 |
| S29 | 14    | sythetic adj resin.clm.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 11:47 |

## EAST Search History

|     |        |                                |   |     |    |                  |
|-----|--------|--------------------------------|---|-----|----|------------------|
| S30 | 2068   | patter\$2 adj3 dielectric.clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 11:48 |
| S31 | 374901 | thickness.clm.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 11:48 |
| S34 | 1387   | patter\$2 adj2 dielectric.clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 11:48 |
| S37 | 177965 | exceed\$3.clm.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/07/23 11:48 |
| S39 | 1      | S31 adj5 S37 S34               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/07/23 11:49 |
| S40 | 12     | S31 S37 S34                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/07/23 11:49 |

## EAST Search History

| Ref # | Hits  | Search Query                                  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S3    | 13150 | method manufacturing semiconductor device.ti. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/03/30 10:30 |
| S4    | 427   | semiconductor device obtained.ti.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/03/30 10:30 |
| S5    | 11    | S3 S4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/30 11:22 |
| S6    | 1790  | 438/108.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/30 12:18 |
| S7    | 1198  | 438/113.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/30 11:22 |
| S8    | 309   | 438/114.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/30 11:24 |
| S9    | 1023  | 438/458.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/30 11:24 |
| S10   | 841   | 438/462.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/30 11:24 |

## EAST Search History

|     |          |  |   |     |    |                  |
|-----|----------|--|---|-----|----|------------------|
| S11 | 1370     | 438/464.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/30 11:24 |
| S12 | 645      | 438/465.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/30 11:24 |
| S13 | 12209935 | ring form mold cast frame framing<br>cage encase encasement enclose<br>enclosure | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:42 |
| S14 | 2275021  | resin  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:28 |
| S15 | 808788   | S13 same S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:38 |
| S16 | 1225     | (S6 S7 S8 S9 S10 S11 S12) and S15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:39 |
| S17 | 273565   | S13 near3 S14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:39 |
| S18 | 516      | (S6 S7 S8 S9 S10 S11 S12) and S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:40 |

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|     |         |  |   |     |    |                  |
|-----|---------|--|---|-----|----|------------------|
| S19 | 207251  | S13 near2 S14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:41 |
| S20 | 428     | (S6 S7 S8 S9 S10 S11 S12) and S19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:41 |
| S21 | 112428  | S13 near S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:41 |
| S22 | 6579874 | ring mold cast frame framing cage<br>encase encasement enclose enclosure | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:42 |
| S23 | 264     | (S6 S7 S8 S9 S10 S11 S12) and S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:43 |
| S24 | 2331    | (S6 S7 S8 S9 S10 S11 S12) and S22  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 11:44 |
| S25 | 212     | (S6 S7 S8 S9 S10 S11 S12) and (S14<br>near2 S22)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/30 12:18 |
| S27 | 197     | 438/68.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/30 12:18 |

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|     |   |                           |   |    |    |                  |
|-----|---|---------------------------|---|----|----|------------------|
| S28 | 8 | (S27) and (S14 near2 S22) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/30 12:18 |
|-----|---|---------------------------|---|----|----|------------------|